

ABSTRACT

An X-ray tomograph comprises an X-ray generator having a function of moving the focal position and radiating X-rays toward 5 a subject, an X-ray image receiving element for receiving transmission images created by X-rays radiated from the X-ray generator, and an image processing section for creating a tomographic image by processing the transmission images of the subject received by the X-ray image receiving element. A 10 stereoradioscopic image constructing equipment comprises the X-ray tomograph and a stereoradioscopic image constructing section for creating a stereoradioscopic image by subjecting the created tomographic images to image processing. By using the X-ray tomograph, a tomographic image can be created without providing 15 any high-precision movable mechanism, and a tomographic image of even a soft subject can be correctly created.